

362858116195301 Local number 230 S17 E50 10CDD 1 Rogers Spring Well

Basin and Range basin-fill aquifers

Nye County, NV

LOCATION.--Lat 36°28'55", long 116°19'49" referenced to North American Datum of 1927, in SE ¼ SE ¼ SW ¼ sec.10, T.17 S., R.50 E., Nye County, Hydrologic Unit 18090202.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 202 ft. Upper casing diameter 12.75 in; top of first opening 100 ft, bottom of last opening 420 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 2265.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plate cover well, adjacent to small door cut into the covering plate, 0.14 ft above land-surface datum.

REMARKS.--Periodic water-level measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data, have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
CALENDAR YEAR JANUARY 2004 TO DECEMBER 2004**

[Measurement method: S, steel tape. Water-level status: - -
, static.]

| Date | Water level | Measurement method | Water level status |
|--------|-------------|--------------------|--------------------|
| Jan 14 | 2.83 | S | -- |
| Feb 2 | 2.80 | S | -- |
| Mar 11 | 2.60 | S | -- |
| Apr 5 | 2.71 | S | -- |
| May 3 | 2.99 | S | -- |
| Jun 16 | 3.73 | S | -- |
| Jul 22 | 4.27 | S | -- |
| Aug 26 | 3.82 | S | -- |
| Sep 21 | 3.60 | S | -- |
| Oct 8 | 3.52 | S | -- |
| Nov 3 | 3.05 | S | -- |
| Dec 2 | 2.83 | S | -- |

Calendar Year 2004 highest: 2.60 Mar 11, 2004; lowest:
4.27 Jul 22, 2004